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REQUEST

For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Of	fice and "PCT International Application"	
	Applicant's or agent's (if desired) (12 charact	file reference ters maximum) 40021-0011	
Box No. I TITLE OF INVENTION Mobile Phase Treatment for Chromatography			
Box No. II APPLICANT This person	on is also inventor		
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residen	the address indicated in this	Telephone No. (801) 978-2295	
Selerity Technologies, Inc.		Facsimile No. (801) 978-2298	
2484 West Cluster Road Salt Lake City, UT 84104		Teleprinter No.	
		Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, country)	of residence:	
This person is applicant for the purposes of: all designated States all designated the United S		the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence of the State of th	the address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) US	of residence:	
This person is applicant all designated all designated for the purposes of:	d States except tates of America	the United States of America only the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated of	on a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	; OR ADDRESS FOR	CORRESPONDENCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities		agent common representative	
Name and address: (Family name followed by given name; for a legal enti- The address must include postal code and name of co		Telephone No. (801) 572-8106	
Kenneth E. Horton Rader, Fishman & Grauer	Facsimile No. (801) 572-7666		
River Park Corporate Center One 10653 S. River Front Pkwy. Ste. 150	Teleprinter No.		
South Jordan, UT 84095 US Agent's registration No. w 39,481			
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to be special address to be special address.			

Form PCT/RO/101 (first sheet) (March 2001; reprint July 2002)

See Notes to the request form



Continuation of Box No. III FURTHER APPLICANT(S)	AND/OR (FURTHER) INVENTOR(S)	
If none of the following sub-boxes is used, this sheet should no	ot be included in the re	equest.	
Name and address: (Family name followed by given name; for a legal entitude postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence Porter, Nathan L. 472 W. Creekside Lane Kaysville, UT 84037	ne address indicated in this	This person is: applicant only substitute applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country	of residence:	
US	US	y 01 (05)(06)(06)	
This person is applicant for the purposes of: all designated all designated the United States	States except ates of America	the United States of America only the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residenc	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country,) of residence:	
This person is applicant all designated for the purposes of:	States except ates of America	the United States of America only the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence.	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country)	of residence:	
This person is applicant all designated for the purposes of:		the United States the States indicated in of America only the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country)	of residence:	
This person is applicant all designated all designated the United States all designated the United States		the United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Form PCT/RO/101 (continuation sheet) (March 2001; reprint July 2002)

See Notes to the request form

Box No. V	DESIGNATION OF STATES	Mark the applicable check-boxes below	: at least one must be marked.
7 U.A. 1 1 U 1		man the applicable check-boxes below,	, at reast one much or mannea.

The following designations are hereby made under Rule 4.9(a):

Regional Patent

- EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT

N	atio	nal Patent (if other kind of protection	n or	treat	tment desired. specify on dotted line):			
		United Arab Emirates				M	NZ	New Zealand
		Antigua and Barbuda			Croatia			I Oman
		Albania						
		[Armenia						Poland
		Austria						
		Australia						
		Azerbaijan						Russian Federation
X	RA	Bosnia and Herzegovina	X	JР	Japan			
		Barbados	K	KE	Kenya	X	SD	
		Bulgaria						
		Brazil						Singapore
- 4		Belarus			of Korea			• .
K	BZ	Belize	X	KR	Republic of Korea	X	SK	Slovakia
		Canada			Kazakhstan			
X	CH	& LI Switzerland and Liechtenstein	X	LC	Saint Lucia		TJ	Tajikistan
X	CN	China	X	LK	Sri Lanka			Turkmenistan
X	CO	Colombia	X	LR	Liberia	X	TN	Tunisia
X	CR	Costa Rica	X	LS	Lesotho	X	TR	Turkey
X	CU	Cuba	X	LT	Lithuania	X	TT	Trinidad and Tobago
X	$\widetilde{\mathbf{CZ}}$	Czech Republic	X	LU	Luxembourg			
		Germany						United Republic of Tanzania
X	DK	Denmark						
X	DM	Dominica	X	MD	Republic of Moldova			
X	\mathbf{DZ}	Algeria						United States of America
•					Madagascar			
X	EE	Estonia	X					
-		Spain			Macedonia	_		
					Mongolia			Yugoslavia
					'Malawi			
•					Mexico			
		Georgia				X	ZW	Zimbabwe
X	GH	Ghana	X	NO	Norway			
Ch	eck-l	poxes below reserved for designating S	State	es wl	nich have become party to the PCT a	fter	issua	ance of this sheet:
X						X		••••

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)



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\ nec	et No.	-	•

Box No. VI PRIORITY	CLAIM						
The priority of the following	g earlier application(s) is here	by claimed:					
Filing date	Number	Where earlier application is:					
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office			
item (1) 22/02/2002	60/358,926	us					
item (2)				·			
item (3)							
item (4)							
item (5)							
Further priority claims	are indicated in the Suppleme	ntal Box.					
	ested to prepare and transmit t filed with the Office which for t						
all items item (1) item (2)	item (3) item	(4) Item (5)	other, see Supplemental Box			
* Where the earlier application Industrial Property or one Mo	on is an ARIPO application, in ember of the World Trade Org	dicate at least one country ganization for which that e	party to the Paris Conve arlier application was file	ntion for the Protection of ed (Rule 4.10(b)(ii)):			
Box No. VII INTERNAT	IONAL SEARCHING AUT	HORITY					
Choice of International Sea international search, indicate ISA / USPTO	rching Authority (ISA) (if to the Authority chosen; the two-		earching Authorities are o	competent to carry out the			
Request to use results of ea	rlier search: reference to th	at search (if an earlier see	arch has been carried out	bv or requested from the			
International Searching Author Date (day/month/year)	ority): Numbe		ry (or regional Office)				
Box No. VIII DECLARAT	Box No. VIII DECLARATIONS						
The following declarations a check-boxes below and indicate				Number of declarations			
Box No. VIII (i)	Box No. VIII (i) Declaration as to the identity of the inventor :						
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:							
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :						
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America):							
Box No. VIII (v)	Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:						

Sheet	No	5	

Box No. IX CHECK LIST; LANGUAGE	Box No. IX CHECK LIST; LANGUAGE OF FILING			
This international application contains: (a) the following number of	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items		
sheets in paper form:	1. K fee calculation sheet	: 1		
request (including declaration sheets) : 5	2. original separate power of attorney	: 1		
description (excluding	3. original general power of attorney	:		
sequence listing part) : 11	4. copy of general power of attorney; reference number,			
Ciamis	if any:	:		
abstract	5. statement explaining lack of signature	:		
22	6. priority document(s) identified in Box No. VI as			
Sub-total flumber of sheets.	item(s):	:		
sequence listing part of description (actual number of sheets if filed in paper	7. translation of international application into (language):	:		
form, whether or not also filed in computer readable form; see (b) below)	8. separate indications concerning deposited microorganism or other biological material	:		
Total number of sheets : 23	9. sequence listing in computer readable form (indicate also type and number of carriers (diskette, CD-ROM, CD-R or other))			
(b) sequence listing part of description filed in computer readable form	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	h		
(i) only (under Section 801(a)(i))	international application) (ii) (iii) (only where check-box (b)(i) or (b)(ii) is marked in left	•		
(ii) in addition to being filed in paper form (under Section 801(a)(ii))	column) additional copies including, where applicable the copy for the purposes of international search under	,		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which the	Rule 13ter	:		
sequence listing part is contained (additional copies to be indicated under item 9(ii), in	(iii) together with relevant statement as to the identity of the copy or copies with the sequence listing part mentioned in left column	:		
right column):	10. other (specify): Return.Receipt Postcard	: 1		
Figure of the drawings which	Language of filing of the			
should accompany the abstract: 2	international application: English			
Box No. X SIGNATURE OF APPLICAN	T, AGENT OR COMMON REPRESENTATIVE			
Next to each signature, indicate the name of the person sig	ning and the capacity in which the person signs (if such capacity is not obvious from reac	ling the request).		
$1/$ ~ 11				
No. Andrew				
Leu tovon				
Kenneth E. Horton				
Reg. No. 39,481				
	For receiving Office use only			
Date of actual receipt of the purported	-	rawings:		
international application:				
Corrected date of actual receipt due to later be		received:		
timely received papers or drawings completi the purported international application:	ng			
4. Date of timely receipt of the required corrections under PCT Article 11(2):				
5. International Searching Authority (if two or more are competent): ISA / 6. Transmittal of search copy delayed until search fee is paid				
	For International Bureau use only			
Date of receipt of the record copy by the International Bureau:				

This sheet is not part of and does not count as a sheet of the international application.

For receiving Office use only FEE CALCULATION SHEET International Application No. Annex to the Request Applicant's or agent's 40021-0011 file reference Date stamp of the receiving Office Applicant Selerity Technologies, Inc. CALCULATION OF PRESCRIBED FEES 240.00 T 1. TRANSMITTAL FEE 450.00 2. SEARCH FEE International search to be carried out by (If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.) 3. INTERNATIONAL FEE Basic Fee . Where item (b) of Box No. IX applies, enter Sub-total number of sheets Where item (b) of Box No. IX does not apply, enter Total number of sheets 407.00 ы b1 first 30 sheets 0.00 b2 number of sheets fee per sheet in excess of 30 additional component (only if sequence listing part of description is filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)): 0.00 b3 400 x __ fee per sheet 407.00 B Add amounts entered at b1, b2 and b3 and enter total at B. Designation Fees The international application contains all designations. 440.00 D 88.00 number of designation fees amount of designation fee payable (maximum 5) 847.00 I Add amounts entered at B and D and enter total at I (Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.) 20.00 P 4. FEE FOR PRIORITY DOCUMENT (if applicable) 1557.00 5. TOTAL FEES PAYABLE . . . TOTAL Add amounts entered at T, S, I and P, and enter total in the TOTAL box The designation fees are not paid at this time. MODE OF PAYMENT authorization to charge postal money order cash coupons deposit account (see below) bank draft revenue stamps ___ other (specify): AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT Receiving Office: RO/ USPTO (This mode of payment may not be available at all receiving Offices) 18-0013 Deposit Account No.: Authorization to charge the total fees indicated above. Date: February 20, 2003 (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency Name: Kenneth E. Horton or credit any overpayment in the total fees indicated above.

Signature:

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treat)

(PCT Rule 90.4)

The undersigned applicant(9) (Names should be indica	ted as they appear in the request.
Jones, Brian A. Porter, Nathan L.	
hereby appoints (appoint) the following person as:	agent common representative
Name and address (Family name followed by given name; for a legal entity, fit Jones, Brian 2306 W Jordan Haven Ct South Jordan, UT 84095 US	ull official designation. The address must include postal code and name of country.)
Porter, Nathan L. 472 W. Creekside Lane Kaysville, UT 84037 US	
to represent the undersigned before	all the competent International Authorities
	the International Searching Authority only
	the International Preliminary Examining Authority only
in connection with the international application identi	Ified below:
	ASE TREATMENT FOR CHROMATOGRAPHY
Applicant's or agent's file reference:	40021-0011
International application number (if	already availuble):
filed with the following Office IPEAUSPTO and to make or receive payments on hehalf of the under	as receiving Office
and to make of receive payments of the control of	
Signature of the applicant(s) (where there are several app. and the capacity in which the	licants, each of them must sign; next to each signature, indicate the name of the person signing person signing person signs, if such capacity is not abvious from reading the request or this power).
Brian A. Jones	Methan L. Porter
Date: 20 FEBRUART 200	>3

Form PCT/Model of power of attorney (for a given international application)(July 1992)